

ADDENDUM NO. 2

**State Project Nos. SP 159-158-002 & 159-158-003
City Project Nos. J-9644 & J-9856
55th St NW Improvements Project**

ISSUED: April 13, 2016

BIDS OPENED AT: 11:00 A.M. on April 21, 2016

YOUR BID MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM.

The following additions, corrections, or modifications are hereby made a part of the Contract Documents for the above referenced project.

The Proposal, Plan, and Special Provisions shall be revised as follows:

PROPOSAL

- 1. Remove & Replace** NOTICE TO BIDDERS – SUSPENSIONS / DEBARMENTS
Dated January 15, 2016 with the attached document dated April 13, 2016.
- 2. Remove & Replace** FEDERAL WAGE RATES
Dated January 8, 2016 with the attached document dated April 1, 2016.
- 3. Remove & Replace** SCHEDULE OF PRICES (SHEETS 6 – 15)
With attached revisions. A spreadsheet of the combined Project Schedule of Prices has been posted to the eGram site for Contractor use.

PLAN

- 1. Remove & Replace Sheet 3** Statement of Estimated Quantities reissued to revise 2104.501 Remove Sewer Pipe (Storm) and 2211.503 Aggregate Base (CV) Class 6 quantities and add 2211.501 Aggregate Base Class 6 pay item.
- 2. Remove & Replace Sheet 4** Statement of Estimated Quantities reissued to revise 2360.501 Type SP 12.5 Wearing Course Mixture (3,C) quantity, add 2360.501 Type SP 9.5 Wearing Course Mixture (2,B) pay item and change class of 2501.521 58" Span RC Pipe – Arch Culv pay item.
- 3. Remove & Replace Sheet 12** Tabulations reissued to revise "Clearing and Grubbing" Tabulation to include Northern Long Eared Bat protection note and revise "Aggregate and Bituminous Summary" Tabulation to add pay items and revise quantities.
- 4. Remove & Replace Sheet 15** Construction and Soils Notes reissued to revise compaction methods and testing requirements specified.
- 5. Remove & Replace Sheet 34** Typical Section Pavement Details reissued to revise Detail E to change bituminous mixture specified.
- 6. Remove & Replace Sheet 54** Staging Narrative reissued to revise project and stage-specific considerations for maintenance of pedestrian and bicycle traffic during construction. See also S-80 (2563) Temporary Pedestrian Access Control special provision revisions for additional information.

- 7. Remove & Replace Sheet 123** "Casting Assembly Type 2" shall be replaced by "Casting Assembly Type 2A". See City of Rochester Standard Plate NO. 1-11 for additional information. No changes to pay items, quantities, nor units are required.
- "58" Span RC Pipe – Arch Culv CL IIIA" shall be replaced by "58" Span RC Pipe – Arch Culv CL IIA". The Statement of Estimated Quantities and Proposal Form have been updated accordingly.
- 8. Remove & Replace Sheet 156** Signing and Striping Tabulations reissued to revise post type specified for proposed signs installed in city and county owned right of way.

SPECIAL PROVISIONS – DIVISION 5

- 1. Revise** S-28 (1501) Utility Property And Service
City of Rochester utility contacts have been revised.
Remove: Eric Loftus City of Rochester 507-328-2437
Remove: Jim McKay City of Rochester 507-421-8166
Insert: Dave Kemper City of Rochester 507-328-2483
- Revise title of Doug Nelson from "City Engineer" to "Manager of Engineering"
- 2. Revise** S-50 Incidental Work
The list of incidental work shall be appended to include the following items:
1. Sawing of concrete walks and curbs for removal operations
 2. Subdrain connections at catch basins
 3. Aggregate base beneath all walks and driveways
- 3. Revise** S-78 (2531) Truncated Domes (Revised 03/12/14)
Append Section S-78.1 "Construction Requirements" with the following statement:
- "The contractor shall select a truncated dome product from the approved product list at <http://www.dot.state.mn.us/products/detectablewarningsurfaces/detectablewarningsurfaces.html> with the following exception -TufTile cast iron tiles will not be allowed."
- 4. Clarify** Pay item 2564.602 – Construction Signs Special (Each)
A special provision for the above item was not included in the initial posting. Please consider the language below as clarification regarding this item.
- This work consists of furnishing and installing temporary signs to direct local traffic to businesses, residences, and churches along the project during construction. Sign location and legend are shown in the staging plans.
- The contractor shall furnish and install steel sign posts suitable to support these signs. All hardware and material necessary to furnish and install the post and sign in place shall be incidental.
- The signs will be measured for payment in units of each at the contract unit price for item number 2564.602, "Construction Signs – Special." The price shall be compensation in full for all costs of furnishing and installing construction signs, as specified here and in the construction plans.
- 5. Clarify** S-80 (2563) Temporary Pedestrian Access Control
Pedestrian/bicycle traffic along 55th Street NW will be discouraged during construction via signage. The provisions to supply a temporary pedestrian access route through construction zones do not typically apply for this project. However, for compliance with federal laws regarding impacts to park lands, access for pedestrians/bicycles must be provided at all times to White Oaks Park. Care shall be taken to preserve existing

paths serving White Oaks Park along the north side of 55th Street until construction is imminent. Temporary closures for construction of Bridge #55J99 and the adjacent park entrance are allowed provided access is restored as swiftly as possible. During construction of these elements of Stage 1, the requirements of this special provision shall be in effect.

See also revisions to Construction Plan Sheet 54 – Staging Narrative for additional information.

6. Insert

S-98 Special Provisions Relating To Indian Employment (Revised 05/14/15)

MnDOT promotes and encourages Indian employment on transportation projects on or near reservations, consistent with 23 USC §140 (d).

S-98.1 This Project is on or near a reservation. The Contractor is to work with the tribal government to use Indian labor in performing Contract work. The Contractor must contact the Tribal Contact Person, Eleanore Bartell, Human Resources Director, from the Prairie Island Indian Community Council, Dept. of Human Resources, 5636 Sturgeon Lake Road, Welch, MN 55089, at (651) 385-4138 for Indian employment opportunities under this Contract.

S-98.2 The Project has on-the-job training (OJT) requirements. MnDOT advises the Contractor to consider Indians for designated OJT positions. The OJT positions can be in highway heavy trades classifications (such as heavy equipment operators, truck drivers, carpenters, laborers, cement masons, iron workers, electricians, painters, pipefitters and plumbers).

Specific OJT requirements for this Project are in the ON-THE-JOB TRAINING PROGRAM section of these Special Provisions.

S-98.3 If the Contractor or subcontractor is not in compliance with these Special Provisions, the Department will address the noncompliance with the Contractor and/or subcontractor and the Tribal employment rights officer. If the tribe requests it, the Contractor must meet with the Tribal employment rights officer to discuss Indian employment issues.

The Contractor must submit the attached "MnDOT Indian Employment Tracking Form" to the MnDOT Office of Civil Rights no later than 30 days after substantial completion. The Engineer may withhold payment for failure to submit this form. The form must list all Indians who were hired for the Project after being referred by one of the federally-recognized tribal TERO offices in Minnesota, whether hired by the Contractor or any subcontractor.

S-98.4 If the Contractor is considering suspending or terminating an employee referred by the Tribal employment rights officer, the Contractor must notify the Tribal employment rights officer to seek assistance in resolving the problem. Nothing in these Special Provisions is intended to interfere with the Contractor's ability to dismiss any employee for cause including, but not limited to, lack of adequate skills or training, inability to perform because of state or federal law, or breach of the Contractor's safety standards or other standards of conduct.

S-98.5 This Special Provision supplement about Indian employment does not replace other equal employment opportunity requirements in the Contract.

SPECIAL PROVISIONS – DIVISION SZ

1. Revise

SZ-1 (2504) Underground Irrigation Installation

Paragraph "N. Guarantee" shall be appended with the following statement:

"The guarantee shall include system start-up following the first year blowout."



Steven B. Prusak, PE, 47622

This addendum is 31 pages.

NOTICE TO BIDDERS
SUSPENSIONS/DEBARMENTS

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DEPARTMENT OF TRANSPORTATION

NOTICE OF DEBARMENT

NOTICE IS HEREBY GIVEN that MnDOT has ordered that the following vendors be debarred for a period of three (3) years, effective May 6, 2013 until May 6, 2016:

- Gary Francis Bauerly and his affiliates, Rice, MN
- Gary Bauerly, LLC and its affiliates, Rice, MN
- Watab Hauling Co. and its affiliates, Rice, MN

NOTICE IS HEREBY GIVEN that MnDOT has ordered that the following vendors be debarred for a period of three (3) years, effective September 17, 2014 until September 17, 2017:

- Jeffrey Plzak and his affiliates, Loretto, MN
- Laurie Plzak and her affiliates, Loretto, MN
- Honda Electric Incorporated and its affiliates, Loretto, MN
- Fibertech, Inc. and its affiliates, Loretto, MN
- Jeffrey and Laurie Plzak doing business as Honda Electric Logistics, and its affiliates, Loretto, MN

NOTICE IS HEREBY GIVEN that MnDOT has ordered that the following vendors be debarred for a period of three (3) years, effective January 12, 2015 until January 12, 2018:

- Marlin Dahl, Granada, MN
- Dahl Trucking, Elmore, MN
- Elmore Truck and Trailer, Inc., Elmore, MN

Minnesota Statute section 161.315 prohibits the Commissioner, counties, towns, or home rule or statutory cities from awarding or approving the award of a contract for goods or services to a person who is suspended or debarred, including:

- 1) any contract under which a debarred or suspended person will serve as a subcontractor or material supplier,
- 2) any business or affiliate which the debarred or suspended person exercises substantial influence or control, and
- 3) 3) any business or entity, which is sold or transferred by a debarred person to a relative or any other party over whose actions the debarred person exercises substantial influence or control, remains ineligible during the duration of the seller's or transfer's debarment.

**NOTICE TO BIDDERS
SUSPENSIONS/DEBARMENTS**

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DEPARTMENT OF ADMINISTRATION

As of the date of this notice and in accordance with Minnesota Rules 1230.1150, the Minnesota Department of Administration has debarred and disqualified the following persons and businesses from entering into or receiving a State of Minnesota contract:

NAME	DATE OF SUSPENSION
Devos, Ltd. d/b/a Guaranteed Returns Dean Volkes, Donna Fallon & Ronald Carlino 100 Colin Drive Holbrook, NY	December 5, 2014 through December 31, 2099
Wide Open Services, LLC Steve Mittelstaedt 6938 Highway 169 Virginia, MN 55792	March 30, 2016 through September 30, 2016
NAME	DATE OF DEBARMENT
Best Electric Thomas Clifton and Earl Standafer 9909 S. Shore Drive #155 Plymouth, MN 55441	May 22, 2015 through May 21, 2018 (eligible for reinstatement on May 21, 2019)
Best Used Trucks of Minnesota, Inc. Jason W. Leas 635 Marin Avenue Crookston, MN 56716	Nov. 20, 2012 through Nov. 20, 2015 (eligible for reinstatement on Nov. 20, 2016)
C & S Electric, Inc. Thomas Clifton and Earl Standafer 9909 S. Shore Drive #155 Plymouth, MN 55441	May 22, 2015 through May 21, 2018 (eligible for reinstatement on May 21, 2019)
Dahl Trucking Marlin Dahl 305 Highway 169 South Elmore, MN 56027	Aug.19, 2014 through January 12, 2018
Elmore Truck and Trailer Repair, Inc. Marlin Dahl 305 Highway 169 South Elmore, MN 56027	Aug.19, 2014 through Jan. 12, 2018 (eligible for reinstatement on Jan. 12, 2019)
Fibertech, Inc. Jeffrey and Laurie Plzak 5075 Nielsen Circle, P.O. Box 236 Loretto, MN 55357	July 24, 2014 through July 23, 2017 (eligible for reinstatement on July 23, 2018)
Groundscape Maintenance, Inc. Rob Sievers 1160 County Road 83 Maple Plain, MN 55359	February 19, 2015 through February 19, 2016 (eligible for reinstatement February 19, 2017)
Honda Electric, Inc. Jeffrey and Laurie Plzak 5075 Nielsen Circle, P.O. Box 236 Loretto, MN 55357	July 24, 2014 through July 23, 2017 (eligible for reinstatement on July 23, 2018)
Hunt's Carpet Service, Inc. ¹ Robert and Joni Hunt 4102 46th Avenue North Robbinsdale, MN 55422	Sept. 15, 2015 through Sept. 15, 2020

¹ Debarred by Hennepin County from working on any Hennepin County projects as a general contractor or subcontractor at any tier. Minn. Rules Part 1230.1150, subpart 2, item B, subitem (1) provides that any vendor debarred by the federal government, the state of Minnesota, or any of its departments, commissions, agencies, or political subdivisions, is automatically debarred by the (Department of Administration, Materials Management) division under the same terms and limits of the original debarment.

**NOTICE TO BIDDERS
SUSPENSIONS/DEBARMENTS**

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McCaa, Webster & Associates, Inc. Sammie McCaa 2751 Hennepin Avenue South, #301 Minneapolis, MN 55408-1002	May 1, 2014 through April 30, 2015 (eligible for reinstatement on April 30, 2016)
MG Carlson Construction Company, Inc. Martin Gerald Carlson 701 East First Street Fort Worth, TX 76102-3276	Sept. 5, 2014 through October 5, 2015 (eligible for reinstatement on April 5, 2016)
Ocuture, LLC 11930 Camby Park Drive Houston, TX 77047	Dec. 15, 2014 through Dec. 15, 2015 (eligible for reinstatement Dec. 15, 2016)
Ramco Heating and Air Conditioning Mark and Cheryl Ramquist 605 Ash Street Downing, WI 54734	March 11, 2015 through March 11, 2016 (eligible for reinstatement March 11, 2017)
Southwest Paving, Inc. Greg Brakefield 26412 State Highway 29 Deer Creek, MN 56527	March 30, 2016 through March 30, 2017 (eligible for reinstatement March 30, 2018)
St. Cloud Lawn & Landscaping, Inc. Pat Murphy 10602 County Road 2 Brainerd, MN 56401	February 20, 2015 through February 20, 2016 (eligible for reinstatement on Feb. 20, 2017)
TAC Construction Solutions, Inc. Christina Woods 31767 Deacons Way Pequot Lakes, MN 56472	August 19, 2014 through August 19, 2016 (eligible for reinstatement on August 19, 2017)
Watab Hauling Co. Gary Francis Bauerly 9695 Deerwood Rd. NE Rice, MN 56367	Jan. 14, 2013 through Jan. 14, 2016 (eligible for reinstatement on Jan. 14, 2017)

Minnesota Administrative Rule part 1230.1150, subpart 6 requires the Materials Management Division to maintain a master list of all suspensions and debarments. The master list must retain all information concerning suspensions and debarments as a public record for at least three (3) years following the end of a suspension or debarment. Refer to the following website for the master list:
<http://www.mmd.admin.state.mn.us/debarredreport.asp>.

If the project is financed in whole or in part with federal funds, refer to the following website for vendors debarred by federal government agencies: <http://sam.gov>.

This list does not include preclusion actions taken by cities, counties or local authorities. Consult local authorities to ensure that contractors, subcontractors and materials suppliers are not currently suspended or debarred.

General Decision Number: MN160006 04/01/2016 MN6

State: Minnesota

Construction Type: Highway

Counties: Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha and Winona Counties in Minnesota.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	04/01/2016

SUMN2016-006 05/01/2014

	Rates	Fringes
BRICKLAYER.....	\$ 35.70	18.13
CARPENTER.....	\$ 31.68	17.06
CEMENT MASON/CONCRETE FINISHER...	\$ 38.56	7.88
ELECTRICIAN		
Electrician.....	\$ 36.51	17.56
Ground Person.....	\$ 17.61	9.06
Wiring System Installer.....	\$ 25.84	12.02
Wiring System Technician....	\$ 36.90	14.43
IRONWORKER.....	\$ 35.40	23.45
LABORER		
Blaster.....	\$ 26.57	14.78
Common or General.....	\$ 25.98	16.47
Flag Person.....	\$ 25.98	16.47
Landscape.....	\$ 17.00	0.00
Skilled.....	\$ 25.98	16.47
Underground & Open Ditch (8 ft below grade).....	\$ 26.68	16.47
MILLWRIGHT.....	\$ 33.93	20.23
PAINTER (Including Pavement Marking).....	\$ 28.36	15.46

PILED RIVERMAN.....	\$ 31.68	17.06
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POWER EQUIPMENT OPERATOR:

GROUP 2.....	\$ 31.73	18.90
GROUP 3.....	\$ 31.28	18.90
GROUP 4.....	\$ 30.98	18.90
GROUP 5.....	\$ 28.41	18.90
GROUP 6.....	\$ 27.54	18.90

Special Equipment

Articulated Hauler.....	\$ 30.98	18.90
Boom Truck.....	\$ 30.98	18.90

Landscaping Equipment

(includes hydro seeder or mulcher, sod roller, farm tractor with attachment specifically seeding, sodding, or plant, and two-framed forklift

(excluding front, posit-track, and skid steer loaders) no earthwork or

grading for elevations)....	\$ 25.00	0.00
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Off-Road Truck.....	\$ 28.61	16.60
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Pavement Marking or

Marking Removal Equipment

Operator (one or two

person operators), Self-

Propelled Truck or

Trailer Mounted Units.....	\$ 35.00	1.48
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OPERATING ENGINEER CLASSIFICATIONS

GROUP 2: Helicopter Pilot; Concrete Pump; Cranes over 135 ft boom excluding jib; Dragline, Crawler, Hydraulic Backhoe and other similar equipment with shovel-type controls including attachments 3 cu yd & over; Grader or Motor Patrol; Pile Driving

GROUP 3: Asphalt Bituminous Stabilizer Plant; Cableway; Concrete Mixer, Stationary Plant; Derrick (guy or stiff leg)(power)(skids or stationary); Dragline, Crawler, Hydraulic Backhoe and other similar equipment with shovel-type controls including attachments up to 3 cu yd; Dredge or Engineers Dredge (Power); Front end loader 5 cu yd & over including attachments; Locomotive Crane Operator; Mixer (paving) concrete paving, Road Mole including Mucking operations, Conway or similar type; Mechanic, Welder; Tractor, Boom type. Tandem Scraper; Truck Crane, Crawler Crane; Tugboat 100 H.P. & over.

GROUP 4: Air Track Rock Drill; Automatic Road Machine CMI or similar; Backfiller; Concrete Batch Plant; Bituminous Roller Rubber Tire or Steel Drum 8 tons & over; Bituminous Spreader & Finishing Machine (power), including pavers, Macro Surfacing & Micro Surfacing or similar types (Operator & Screed person); Brokk or RTC remote control or similar type with attachments; Cat Challenger Tractor or similar types pulling Rock Wagons; Bulldozer & Scraper; Chip Harvester & Tree Cutter; Concrete Distributor & Spreader Finishing Machine, Longitudinal Float, Joint Machine, Spray Machine; Concrete Mixer on jobsite; Concrete Mixer; Crushing Plant (gravel, stone) or Gravel

Washing, Crushing & Screening Plant; Curb Machine; Directional Boring Machine; Drill Rigs, Heavy Rotary or Churn or Cable Drill; Dual Tractor; Elevating Grader; Fork Lift; Front End, Skid Steer 1 to 5 cu yd; GPS Remote Operating of equipment; Hoist Engineer (power); Hydraulic Tree Planter; Launcher Person; Locomotive; Milling, Grinding, Planing, Fine Grade, or Trimmer Machine; Multiple Machines such as Air Compressors, Welding Machines, Generators, Pumps; Pavement Breaker or Tamping Machine, Mighty Mite or similar type; Pickup Sweeper 1 cu yd & over hopper capacity; Horizontal Boring Machine power actuated over 6 inches; Pugmill; Pumpcrete; Rubber Tired Farm Tractor with Backhoe attachment; Scraper; Self-Propelled Soil Stabilizer; Slip Form (power driven) paving; Tractor, Bulldozer; Wheel type Tractor over 50 hp with PTO; Trenching Machine excludes walk behind trencher; Tub Grinder, Morbark or similar type; Well Point installation or Dismantling.

GROUP 5: Air Compressor 600 cfm or over; Bituminous Roller under 8 tons; Concrete Saw multiple blade; Form Trench Digger (power); Front End Skid Steer up to 1 cu yd; Gunite Gunall; Hydraulic Log Splitter; Loader, Barber Greene or similar; Post Hole Driving Machine/Post Hole Auger; Power Actuated Auger & Boring Machine; Power Actuated Jack; Pump; Self-Propelled Chip Spreader (Flaherty or similar); Sheep Foot Compactor with blade 200 hp & over; Shouldering Machine (Power) APSCO or similar type including self-propelled Sand and Chip Spreader; Stump Chipper and Tree Chipper; Tree Farmer (Machine).

GROUP 6: Cat, Challenger or similar tractor when pulling Disk or Roller; Conveyor; Dredge Deck Hand; Fire Person or Tank Car Heater; Gravel Screening Plant (portable, not crushing or washing); Greaser (tractor); Lever Person; Oiler (Power Shovel, Truck Crane, Dragline, Crusher and Milling Machine); Power Sweeper; Sheep Foot Roller & Rollers on Gravel Compaction including vibrating rollers; Wheel type Tractor over 50 hp.

TRUCK DRIVER

GROUP 1.....	\$ 25.05	14.40
GROUP 2.....	\$ 27.80	15.20
GROUP 3.....	\$ 27.70	15.20
GROUP 4.....	\$ 27.50	15.20

TRUCK DRIVER CLASSIFICATIONS:

GROUP 1: Mechanic, Welder; Tractor Trailer; Truck hauling machinery including operation of hand and power operated winches.

GROUP 2: Four or more axle unit straight body truck.

GROUP 3: Bituminous Distributor driver; Bituminous Distributor (one person operation); Three Axle units.

GROUP 4: Bituminous Distributor Spray operator (rear and oiler); Dump Person; Greaser; Pilot Car; Rubber Tire self-propelled Packer under 8 tons; Two Axle unit; Slurry Operator; Tank Truck Tender (gas, road oil, water); Tractor under 50 hp.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

BIDDER MUST FILL IN UNIT PRICES IN NUMERALS; MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATIONS, INCLUDING SPECIAL PROVISIONS.

Item No.	Description	Units	Quantity	Unit Price	Total Price
2021.501/00010	MOBILIZATION	LS	1.00		
2041.610/00010	TRAINEES	HOUR	1,000.00		
2101.501/00010	CLEARING	ACRE	3.20		
2101.502/00010	CLEARING	TREE	96.00		
2101.506/00010	GRUBBING	ACRE	3.20		
2101.507/00010	GRUBBING	TREE	96.00		
2103.501/00010	BUILDING REMOVAL	LS	2.00		
2104.501/00010	REMOVE PIPE CULVERTS	L F	68.00		
2104.501/00016	REMOVE SEWER PIPE (STORM)	L F	984.00		
2104.501/00022	REMOVE CURB & GUTTER	L F	2,100.00		
2104.501/00035	REMOVE FENCE	L F	300.00		
2104.501/00042	REMOVE GUARDRAIL-PLATE BEAM	L F	110.00		
2104.503/00015	REMOVE BITUMINOUS WALK (P)	S F	39,915.00		
2104.503/00021	REMOVE CONCRETE WALK	S F	5,570.00		
2104.505/00108	REMOVE CONCRETE DRIVEWAY PAVEMENT	S Y	100.00		
2104.505/00110	REMOVE CONCRETE PAVEMENT	S Y	1,250.00		
2104.505/00119	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	S Y	3,240.00		
2104.505/00120	REMOVE BITUMINOUS PAVEMENT	S Y	19,010.00		
2104.509/00011	REMOVE CONCRETE APRON	EACH	14.00		

BIDDER MUST FILL IN UNIT PRICES IN NUMERALS; MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATIONS, INCLUDING SPECIAL PROVISIONS.

Item No.	Description	Units	Quantity	Unit Price	Total Price
2104.509/00012	REMOVE METAL APRON	EACH	18.00		
2104.509/00027	REMOVE CONCRETE HEADWALL	EACH	3.00		
2104.509/00100	REMOVE MANHOLE OR CATCH BASIN	EACH	6.00		
2104.509/00180	REMOVE MARKER	EACH	1.00		
2104.509/00203	REMOVE SIGN TYPE C	EACH	39.00		
2104.509/00770	REMOVE MAIL BOX SUPPORT	EACH	2.00		
2104.511/00011	SAWING CONCRETE PAVEMENT (FULL DEPTH)	L F	720.00		
2104.513/00011	SAWING BIT PAVEMENT (FULL DEPTH)	L F	3,400.00		
2104.521/00111	SALVAGE CONCRETE PIPE STORM SEWER	L F	1,039.00		
2104.523/00004	SALVAGE CASTING	EACH	4.00		
2104.523/00422	SALVAGE LIGHTING UNIT	EACH	4.00		
2104.523/00543	SALVAGE SIGN TYPE C	EACH	2.00		
2104.523/00970	SALVAGE MAIL BOX SUPPORT	EACH	4.00		
2104.607/00022	SALVAGE RANDOM RIPRAP	C Y	290.00		
2105.522/00030	SELECT GRANULAR BORROW (CV)	C Y	3,903.00		
2105.526/00031	SELECT TOPSOIL BORROW (CV) MOD	C Y	125.00		
2106.607/00010	EXCAVATION – COMMON (P)	C Y	34,731.00		
2106.607/00020	EXCAVATION - SUBGRADE (P)	C Y	25,685.00		
2106.607/00030	EXCAVATION - MUCK	C Y	5,133.00		
2106.607/00060	COMMON EMBANKMENT (CV) (P)	C Y	47,623.00		
2106.607/00080	SELECT GRANULAR EMBANKMENT (CV) (P)	C Y	11,156.00		
2123.610/00045	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	100.00		

BIDDER MUST FILL IN UNIT PRICES IN NUMERALS; MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATIONS, INCLUDING SPECIAL PROVISIONS.

Item No.	Description	Units	Quantity	Unit Price	Total Price
2211.501/00060	AGGREGATE BASE CLASS 6	TON	1,100.00		
2211.503/00060	AGGREGATE BASE (CV) CLASS 6 (P)	C Y	11,440.00		
2232.501/00050	MILL BITUMINOUS SURFACE (2.0")	S Y	5,570.00		
2301.504/00080	CONCRETE PAVEMENT 8.0"	S Y	490.00		
2301.504/00085	CONCRETE PAVEMENT 8.5"	S Y	7,470.00		
2301.504/00090	CONCRETE PAVEMENT 9.0"	S Y	2,900.00		
2301.508/00010	SUPPLEMENTAL PAVEMENT REINFORCEMENT	LB	14,860.00		
2301.538/00010	DOWEL BAR	EACH	6,290.00		
2360.501/12200	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	250.00		
2360.501/23300	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	5,150.00		
2360.502/23200	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	2,220.00		
2401.601/00075	FOUNDATION PREPARATION	LS	1.00		
2412.511/06040	6X4 PRECAST CONCRETE BOX CULVERT	L F	132.00		
2412.511/12060	12X6 PRECAST CONCRETE BOX CULVERT	L F	708.00		
2412.511/12080	12X8 PRECAST CONCRETE BOX CULVERT	L F	130.00		
2412.511/14050	14X5 PRECAST CONCRETE BOX CULVERT	L F	324.00		
2412.512/06040	6X4 PRECAST CONCRETE BOX CULV END SECT	EACH	2.00		
2412.512/12060	12X6 PRECAST CONCRETE BOX CULV END SECT	EACH	10.00		
2412.512/12080	12X8 PRECAST CONCRETE BOX CULV END SECT	EACH	2.00		
2412.512/14050	14X5 PRECAST CONCRETE BOX CULV END SECT	EACH	6.00		
2451.503/00030	GRANULAR BACKFILL (CV)	C Y	1,407.00		
2451.509/00030	AGGREGATE BEDDING (CV)	C Y	1,463.00		

BIDDER MUST FILL IN UNIT PRICES IN NUMERALS; MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATIONS, INCLUDING SPECIAL PROVISIONS.

Item No.	Description	Units	Quantity	Unit Price	Total Price
2501.515/01918	18" CS PIPE APRON	EACH	8.00		
2501.515/90120	12" RC PIPE APRON	EACH	1.00		
2501.515/90150	15" RC PIPE APRON	EACH	4.00		
2501.515/90180	18" RC PIPE APRON	EACH	3.00		
2501.515/90240	24" RC PIPE APRON	EACH	2.00		
2501.515/90300	30" RC PIPE APRON	EACH	3.00		
2501.515/90360	36" RC PIPE APRON	EACH	2.00		
2501.515/90480	48" RC PIPE APRON	EACH	7.00		
2501.519/09015	FLAP GATE FOR 15" RC PIPE	EACH	1.00		
2501.521/90582	58" SPAN RC PIPE-ARCH CULV CL IIA	L F	424.00		
2501.525/90580	58" SPAN RC PIPE-ARCH APRON	EACH	1.00		
2501.602/08018	TRASH GUARD FOR 18" PIPE APRON	EACH	3.00		
2501.602/08024	TRASH GUARD FOR 24" PIPE APRON	EACH	2.00		
2501.602/08030	TRASH GUARD FOR 30" PIPE APRON	EACH	3.00		
2501.602/08036	TRASH GUARD FOR 36" PIPE APRON	EACH	2.00		
2501.602/08048	TRASH GUARD FOR 48" PIPE APRON	EACH	7.00		
2502.501/00040	4" PRECAST CONCRETE HEADWALL	EACH	4.00		
2502.541/06060	6" PERF PVC PIPE DRAIN	L F	9,260.00		
2502.602/00020	CONNECT TO EXISTING PIPE DRAIN	EACH	4.00		
2502.602/00406	6" PVC PIPE DRAIN CLEANOUT	EACH	11.00		
2503.511/02180	18" CS PIPE SEWER	L F	165.00		
2503.511/90123	12" RC PIPE SEWER CLASS III	L F	1,394.00		

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Item No.	Description	Units	Quantity	Unit Price	Total Price
2503.511/90153	15" RC PIPE SEWER CLASS III	L F	1,240.00		
2503.511/90183	18" RC PIPE SEWER CLASS III	L F	1,362.00		
2503.511/90243	24" RC PIPE SEWER CLASS III	L F	1,028.00		
2503.511/90303	30" RC PIPE SEWER CLASS III	L F	296.00		
2503.511/90363	36" RC PIPE SEWER CLASS III	L F	324.00		
2503.511/90483	48" RC PIPE SEWER CLASS III	L F	1,023.00		
2503.511/90485	48" RC PIPE SEWER CLASS V	L F	176.00		
2503.571/00012	INSTALL CONCRETE SEWER	L F	1,002.00		
2503.602/00029	RECONSTRUCT SANITARY STRUCTURE	EACH	9.00		
2503.602/00042	CONNECT TO EXISTING STORM SEWER	EACH	7.00		
2504.601/00001	IRRIGATION SYSTEM	LS	1.00		
2504.602/00010	CONNECT TO EXISTING WATER MAIN	EACH	9.00		
2504.602/00023	INSTALL HYDRANT	EACH	1.00		
2504.602/00032	ADJUST GATE VALVE & BOX	EACH	21.00		
2504.602/00806	6" GATE VALVE & BOX	EACH	1.00		
2504.602/00808	8" GATE VALVE & BOX	EACH	2.00		
2504.602/00812	12" GATE VALVE & BOX	EACH	1.00		
2504.603/00710	1" TYPE K COPPER PIPE	L F	135.00		
2504.603/01062	6" WATERMAIN DUCTILE IRON CL 52	L F	13.00		
2504.603/01082	8" WATERMAIN DUCTILE IRON CL 52	L F	455.00		
2504.603/01122	12" WATERMAIN DUCTILE IRON CL 52	L F	442.00		
2504.604/01100	4" POLYSTYRENE INSULATION	S Y	28.00		

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Item No.	Description	Units	Quantity	Unit Price	Total Price
2504.608/00020	DUCTILE IRON FITTINGS	LB	1,799.00		
2506.502/00070	CONST DRAINAGE STRUCTURE DESIGN G	EACH	8.00		
2506.502/00301	CONST DRAINAGE STRUCTURE DESIGN SPEC 1	EACH	30.00		
2506.502/00302	CONST DRAINAGE STRUCTURE DESIGN SPEC 2	EACH	35.00		
2506.502/00303	CONST DRAINAGE STRUCTURE DESIGN SPEC 3	EACH	6.00		
2506.502/00304	CONST DRAINAGE STRUCTURE DESIGN SPEC 4	EACH	4.00		
2506.502/00305	CONST DRAINAGE STRUCTURE DESIGN SPEC 5	EACH	2.00		
2506.502/00306	CONST DRAINAGE STRUCTURE DESIGN SPEC 6	EACH	1.00		
2506.502/00307	CONST DRAINAGE STRUCTURE DESIGN SPEC 7	EACH	1.00		
2506.516/00010	CASTING ASSEMBLY	EACH	84.00		
2506.521/00010	INSTALL CASTING	EACH	4.00		
2506.522/00011	ADJUST FRAME & RING CASTING	EACH	9.00		
2506.602/00019	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	2.00		
2506.602/00051	CONSTRUCT CONTROL STRUCTURE A	EACH	1.00		
2506.602/00052	CONSTRUCT CONTROL STRUCTURE B	EACH	1.00		
2506.602/00053	CONSTRUCT CONTROL STRUCTURE C	EACH	3.00		
2511.501/00010	RANDOM RIPRAP CLASS SPECIAL	C Y	195.00		
2511.501/00013	RANDOM RIPRAP CLASS III	C Y	342.00		
2511.501/00014	RANDOM RIPRAP CLASS IV	C Y	1,562.00		
2511.607/00120	INSTALL RANDOM RIPRAP	C Y	139.00		
2514.501/00010	CONCRETE SLOPE PAVING	S Y	273.00		
2521.501/00042	4" CONCRETE WALK SPECIAL	S F	7,480.00		

BIDDER MUST FILL IN UNIT PRICES IN NUMERALS; MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATIONS, INCLUDING SPECIAL PROVISIONS.

Item No.	Description	Units	Quantity	Unit Price	Total Price
2521.501/00050	5" CONCRETE WALK	S F	15,650.00		
2521.501/00060	6" CONCRETE WALK	S F	3,090.00		
2521.511/00030	3" BITUMINOUS WALK	S F	45,730.00		
2531.501/02120	CONCRETE CURB & GUTTER DESIGN B424	L F	650.00		
2531.501/02310	CONCRETE CURB & GUTTER DESIGN B612	L F	350.00		
2531.501/02320	CONCRETE CURB & GUTTER DESIGN B624	L F	11,320.00		
2531.507/00070	7" CONCRETE DRIVEWAY PAVEMENT	S Y	395.00		
2531.618/00010	TRUNCATED DOMES	S F	502.00		
2540.602/00140	INSTALL MAIL BOX SUPPORT	EACH	4.00		
2545.602/00053	INSTALL LIGHTING UNIT	EACH	3.00		
2554.509/00020	GUIDE POST TYPE B	EACH	24.00		
2563.601/00010	TRAFFIC CONTROL	LS	1.00		
2563.601/00200	DETOUR SIGNING	LS	1.00		
2564.531/00130	SIGN PANELS TYPE C	S F	407.00		
2564.552/00010	HAZARD MARKER X4-2	EACH	4.00		
2564.555/00010	END OF ROADWAY MARKER X4-11	EACH	3.00		
2564.602/00261	CONSTRUCTION SIGNS - SPECIAL	EACH	25.00		
2565.511/00011	TRAFFIC CONTROL SIGNAL SYSTEM A	SIGS	1.00		
2565.511/00012	TRAFFIC CONTROL SIGNAL SYSTEM B	SIGS	1.00		
2565.511/00013	TRAFFIC CONTROL SIGNAL SYSTEM C	SIGS	1.00		
2565.601/00110	TRAFFIC CONTROL INTERCONNECTION	LS	1.00		
2565.616/00104	REVISE SIGNAL SYSTEM D	SYS	1.00		

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Item No.	Description	Units	Quantity	Unit Price	Total Price
2571.502/06250	DECIDUOUS TREE 2.5" CAL B&B	TREE	6.00		
2571.503/06200	ORNAMENTAL TREE 2" CAL B&B	TREE	3.00		
2571.505/03005	DECIDUOUS SHRUB NO 5 CONT	SHRB	69.00		
2571.507/01310	PERENNIAL NO 1 CONT	PLT	1,535.00		
2571.602/00050	TREE PROTECTION	EACH	23.00		
2573.502/00030	SILT FENCE, TYPE SD	L F	800.00		
2573.502/00040	SILT FENCE, TYPE MS	L F	25,340.00		
2573.515/00015	FILTER BERM TYPE 5	L F	40.00		
2573.530/00010	STORM DRAIN INLET PROTECTION	EACH	92.00		
2573.533/00011	SEDIMENT CONTROL LOG TYPE STRAW	L F	1,660.00		
2573.535/00010	STABILIZED CONSTRUCTION EXIT	LS	1.00		
2573.550/00010	EROSION CONTROL SUPERVISOR	LS	1.00		
2573.602/00010	TEMPORARY SEDIMENT TRAP	EACH	8.00		
2574.508/00011	FERTILIZER TYPE 1	LB	2,679.00		
2574.508/00013	FERTILIZER TYPE 3	LB	4,600.00		
2574.508/00014	FERTILIZER TYPE 4	LB	290.00		
2574.525/00050	BOULEVARD TOPSOIL BORROW	C Y	640.00		
2575.501/00010	SEEDING	ACRE	26.10		
2575.502/21111	SEED MIXTURE 21-111	LB	1,339.00		
2575.502/25131	SEED MIXTURE 25-131	LB	2,550.00		
2575.502/33261	SEED MIXTURE 33-261	LB	70.00		
2575.505/00060	SODDING TYPE MINERAL	S Y	6,540.00		

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Item No.	Description	Units	Quantity	Unit Price	Total Price
2575.511/00010	MULCH MATERIAL TYPE 1	TON	26.80		
2575.511/00030	MULCH MATERIAL TYPE 3	TON	25.40		
2575.519/00010	DISK ANCHORING	ACRE	19.80		
2575.523/00013	EROSION CONTROL BLANKETS CATEGORY 3	S Y	25,050.00		
2575.525/00040	TURF REINFORCEMENT MAT CATEGORY 4	S Y	5,240.00		
2575.570/00010	RAPID STABILIZATION METHOD 1	ACRE	10.90		
2575.570/00020	RAPID STABILIZATION METHOD 2	ACRE	5.40		
2575.571/00010	RAPID STABILIZATION METHOD 3	MGAL	163.00		
2582.501/04001	PAVEMENT MESSAGE (LT ARROW) EPOXY-GR IN	EACH	50.00		
2582.501/04002	PAVEMENT MESSAGE (RT ARROW) EPOXY-GR IN	EACH	12.00		
2582.501/04006	PAVT MSSG (RT-THRU ARROW) EPOXY -GR IN	EACH	1.00		
2582.501/04017	PAVT MSSG (BIKE SYMBOL) EPOXY GR IN	EACH	38.00		
2582.501/04018	PAVT MSSG (BIKE LANE ARROW) EPOXY-GR IN	EACH	38.00		
2582.502/51104	4" SOLID LINE WHITE-EPOXY-GR IN	L F	14,770.00		
2582.502/51106	6" SOLID LINE WHITE-EPOXY-GR IN	L F	710.00		
2582.502/51124	24" SOLID LINE WHITE-EPOXY-GR IN	L F	382.00		
2582.502/51204	4" BROKEN LINE WHITE-EPOXY-GR IN	L F	950.00		
2582.502/51304	4" DOTTED LINE WHITE-EPOXY-GR IN	L F	1,140.00		
2582.502/52104	4" SOLID LINE YELLOW-EPOXY-GR IN	L F	6,120.00		
2582.502/52124	24" SOLID LINE YELLOW-EPOXY-GR IN	L F	480.00		
2582.502/52204	4" BROKEN LINE YELLOW-EPOXY-GR IN	L F	6,490.00		
2582.502/52404	4" DBLE SOLID LINE YELLOW-EPOXY-GR IN	L F	2,130.00		

BIDDER MUST FILL IN UNIT PRICES IN NUMERALS; MAKE EXTENSION FOR EACH ITEM AND TOTAL. FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLANS AND SPECIFICATIONS, INCLUDING SPECIAL PROVISIONS.

Item No.	Description	Units	Quantity	Unit Price	Total Price
2582.503/00150	CROSSWALK MARKING-EPOXY-GR IN	S F	1,380.00		
Total Base Bid					
Total					

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STATEMENT OF ESTIMATED QUANTITIES													
NOTES	ITEM NUMBER	ITEM DESCRIPTION	UNIT	S.P. 159-158-002 55TH ST - 50TH AVE TO FAIRWAY DR				S.P. 159-158-003 55TH ST - FAIRWAY DR TO CSAH 22					TOTAL
				ROADWAY	STORM SEWER	BRIDGE #55J99	LOCAL	ROADWAY	STORM SEWER	BRIDGE #55K00	BRIDGE #55K01	LOCAL	
				QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
	2021.501	MOBILIZATION	LUMP SUM	0.32	0.14	0.06	0.03	0.20	0.07	0.11	0.03	0.04	1
	2041.610	TRAINEES	HOURL	550				450					1000
	2101.501	CLEARING	ACRE					3.2					3.2
	2101.502	CLEARING	TREE	72			1	23					96
	2101.506	GRUBBING	ACRE					3.2					3.2
	2101.507	GRUBBING	TREE	72			1	23					96
10	2103.501	BUILDING REMOVAL	LUMP SUM	2									2
11	2104.501	REMOVE PIPE CULVERTS	LIN FT			68							68
	2104.501	REMOVE SEWER PIPE (STORM)	LIN FT		984								984
	2104.501	REMOVE CURB AND GUTTER	LIN FT	1690				410					2100
	2104.501	REMOVE FENCE	LIN FT	300									300
8	2104.501	REMOVE GUARDRAIL-PLATE BEAM	LIN FT	110									110
	2104.503	REMOVE BITUMINOUS WALK (P)	SQ FT	39750			110	55					39915
	2104.503	REMOVE CONCRETE WALK	SQ FT	2480				3090					5570
	2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	100									100
	2104.505	REMOVE CONCRETE PAVEMENT	SQ YD	1250									1250
	2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	2100				1140					3240
	2104.505	REMOVE BITUMINOUS PAVEMENT (P)	SQ YD	16080			1920	1010					19010
	2104.509	REMOVE CONCRETE APRON	EACH		12				2				14
	2104.509	REMOVE METAL APRON	EACH		18								18
	2104.509	REMOVE CONCRETE HEADWALL	EACH					3					3
	2104.509	REMOVE MANHOLE OR CATCH BASIN	EACH		6								6
	2104.509	REMOVE MARKER	EACH	1									1
	2104.509	REMOVE SIGN TYPE C	EACH	26				13					39
	2104.509	REMOVE MAIL BOX SUPPORT	EACH	2									2
	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	720									720
	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	2540			690	170					3400
	2104.521	SALVAGE CONCRETE PIPE STORM SEWER	LIN FT		1039								1039
	2104.523	SALVAGE CASTING	EACH		4								4
	2104.523	SALVAGE LIGHTING UNIT	EACH	4									4
	2104.523	SALVAGE SIGN TYPE C	EACH	2									2
	2104.523	SALVAGE MAIL BOX SUPPORT	EACH	4									4
7	2104.607	SALVAGE RANDOM RIPRAP	CU YD	290									290
	2105.522	SELECT GRANULAR BORROW (CV) (P)	CU YD			767			628	1476	1032		3903
	2105.526	SELECT TOPSOIL BORROW (CV) MOD (P)	CU YD		125								125
	2106.607	EXCAVATION - COMMON (EV) (P)	CU YD	22797			306	11628					34731
	2106.607	EXCAVATION - SUBGRADE (P)	CU YD	15657			419	9609					25685
	2106.607	EXCAVATION - MUCK	CU YD	5133									5133
	2106.607	COMMON EMBANKMENT (CV) (P)	CU YD	25320			474	21829					47623
	2106.607	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	7201			230	3725					11156
	2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOURL	50				50					100
	2211.501	AGGREGATE BASE CLASS 6	TON	900			100	100					1100
	2211.503	AGGREGATE BASE (CV) CLASS 6 (P)	CU YD	7780			310	3350					11440
	2232.501	MILL BITUMINOUS SURFACE (2.0")	SQ YD	3980			820	770					5570
	2301.504	CONCRETE PAVEMENT 8"	SQ YD	490									490
	2301.504	CONCRETE PAVEMENT 8.5"	SQ YD					7470					7470

SEE SHEET 7 FOR STATEMENT OF ESTIMATED QUANTITIES NOTES.

1	4/12/2016	TAM	SBP	SBP	ADDENDUM #2 - REVISE SEQ
NO	DATE	BY	CKD	APPR	

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Print Name: Steven B. Prusak
Steven B. Prusak
Date: 4/12/16 License #: 47622

STATE PROJECT NO.
S.P. 159-158-002
S.P. 159-158-003
CITY PROJECT NO.
J9644
J9856

DRAWN BY
T. MASLOW
DESIGNED BY
S. PRUSAK
CHECKED BY
J. JOHNSON
COMM. NO. 0137940



ENGINEERS
PLANNERS
DESIGNERS

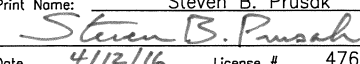

CITY OF ROCHESTER
STATEMENT OF ESTIMATED QUANTITIES
55TH STREET NW IMPROVEMENTS

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STATEMENT OF ESTIMATED QUANTITIES													
NOTES	ITEM NUMBER	ITEM DESCRIPTION	UNIT	S.P. 159-158-002 55TH ST - 50TH AVE TO FAIRWAY DR				S.P. 159-158-003 55TH ST - FAIRWAY DR TO CSAH 22					TOTAL
				ROADWAY	STORM SEWER	BRIDGE #55J99	LOCAL	ROADWAY	STORM SEWER	BRIDGE #55K00	BRIDGE #55K01	LOCAL	
				QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
	2301.504	CONCRETE PAVEMENT 9"	SQ YD	510				2390					2900
	2301.508	SUPPLEMENTAL PAVEMENT REINFORCEMENT	POUND	2530				12330					14860
	2301.538	DOWEL BAR	EACH	260				6030					6290
9	2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (2,B)	TON	170			40	40					250
9	2360.501	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)	TON	4790			240	120					5150
9	2360.502	TYPE SP 12.5 NON WEARING COURSE MIX (3,B)	TON	2145			75						2220
	2401.601	FOUNDATION PREPARATION	LUMP SUM			0.3			0.2	0.3	0.2		1
	2412.511	6X4 PRECAST CONCRETE BOX CULVERT	LIN FT						132				132
	2412.511	12X6 PRECAST CONCRETE BOX CULVERT	LIN FT							552	156		708
	2412.511	12X8 PRECAST CONCRETE BOX CULVERT	LIN FT							130			130
	2412.511	14X5 PRECAST CONCRETE BOX CULVERT	LIN FT			324							324
	2412.512	6X4 PRECAST CONCRETE BOX CULVERT END SECT	EACH						2				2
	2412.512	12X6 PRECAST CONCRETE BOX CULV END SECT	EACH							8	2		10
	2412.512	12X8 PRECAST CONCRETE BOX CULV END SECT	EACH							2			2
	2412.512	14X5 PRECAST CONCRETE BOX CULVERT END SECT	EACH			6							6
	2451.503	GRANULAR BACKFILL (CV) (P)	CU YD			226			204	448	529		1407
14	2451.509	AGGREGATE BEDDING (CV) (P)	CU YD			254			68	518	123		963
15	2451.509	AGGREGATE BEDDING (CV)	CU YD		300				200				500
	2501.515	18" CS PIPE APRON	EACH		8								8
	2501.515	12" RC PIPE APRON	EACH		1								1
	2501.515	15" RC PIPE APRON	EACH		3		1						4
	2501.515	18" RC PIPE APRON	EACH		2				1				3
	2501.515	24" RC PIPE APRON	EACH		1				1				2
	2501.515	30" RC PIPE APRON	EACH		1				2				3
	2501.515	36" RC PIPE APRON	EACH		1				1				2
	2501.515	48" RC PIPE APRON	EACH		7								7
	2501.519	FLAP GATE FOR 15" RC PIPE	EACH		1								1
	2501.521	58" SPAN RC PIPE-ARCH CULV CL IIA	LIN FT		424								424
	2501.525	58" SPAN RC PIPE-ARCH APRON	EACH		1								1
	2501.602	TRASH GUARD FOR 18" PIPE APRON	EACH		2				1				3
	2501.602	TRASH GUARD FOR 24" PIPE APRON	EACH		1				1				2
	2501.602	TRASH GUARD FOR 30" PIPE APRON	EACH		1				2				3
	2501.602	TRASH GUARD FOR 36" PIPE APRON	EACH		1				1				2
	2501.602	TRASH GUARD FOR 48" PIPE APRON	EACH		7								7
	2502.501	4" PRECAST CONCRETE HEADWALL	EACH		2				2				4
16	2502.541	6" PERF PVC PIPE DRAIN	LIN FT	532	5779		60		2889				9260
	2502.602	CONNECT TO EXISTING PIPE DRAIN	EACH						4				4
16	2502.602	6" PVC PIPE DRAIN CLEANOUT	EACH	2	4				5				11
	2503.511	18" CS PIPE SEWER	LIN FT		165								165
	2503.511	12" RC PIPE SEWER CLASS III	LIN FT		814				580				1394
	2503.511	15" RC PIPE SEWER CLASS III	LIN FT		893		49		298				1240
	2503.511	18" RC PIPE SEWER CLASS III	LIN FT		1159				203				1362
	2503.511	24" RC PIPE SEWER CLASS III	LIN FT		881				147				1028
	2503.511	30" RC PIPE SEWER CLASS III	LIN FT		255				41				296
	2503.511	36" RC PIPE SEWER CLASS III	LIN FT		324								324
	2503.511	48" RC PIPE SEWER CLASS III (INCLUDES BENDS)	LIN FT		1023								1023

SEE SHEET 7 FOR STATEMENT OF ESTIMATED QUANTITIES NOTES.

1	4/12/2016	TAM	SBP	SBP	ADDENDUM #2 - REVISE SEQ	<div>I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Print Name: Steven B. Prusak  Date 4/12/16 License # 47622</div>	STATE PROJECT NO. S.P. 159-158-002 S.P. 159-158-003	DRAWN BY T. MASLOW DESIGNED BY S. PRUSAK CHECKED BY J. JOHNSON COMM. NO. 0137940	 ENGINEERS PLANNERS DESIGNERS	CITY OF ROCHESTER STATEMENT OF ESTIMATED QUANTITIES 55TH STREET NW IMPROVEMENTS	SHEET 4 OF 250
NO	DATE	BY	CKD	APPR							

(G) CLEARING & GRUBBING				
	CLEARING		GRUBBING	
	(TREE)	(ACRE)	(TREE)	(ACRE)
55TH ST	65		65	
FAIRWAY DRIVE	7		7	
FAIRWAY LANE	1		1	
CSAH 22 AT RETAIL DR				
S.P. 159-158-002 SUBTOTAL	73		73	
55TH ST	23	3.2	23	3.2
CSAH 22 AT MEMBERS PKWY				
S.P. 159-158-003 SUBTOTAL	23	3.2	23	3.2
PROJECT TOTALS	96	3.2	96	3.2

NOTES FOR TAB (G):
NO TREES WITHIN THE CONSTRUCTION LIMITS WILL BE REMOVED
UNLESS DESIGNATED FOR REMOVAL BY THE ENGINEER.
REMOVAL OF MISCELLANEOUS SHRUBS AND LANDSCAPING SHALL BE
CONSIDERED INCIDENTAL.
CLEARING AND GRUBBING (ACRE) QUANTITIES BASED UPON 110% OF
AREA COMPUTED.
THE NORTHERN LONG EARED BAT ROOSTING SEASON IS APRIL 1 -
OCTOBER 31 WITH MATERNITY SEASON FROM JUNE 1 - JULY 1.
LIMIT TREE REMOVAL TO REMOVALS NECESSARY FOR STAGED
CONSTRUCTION DURING THESE SEASONS OR AS APPROVED
BY THE ENGINEER.

(J) AGGREGATE AND BITUMINOUS SUMMARY					
	BITUMINOUS (SPEC. 2360) (5) (6)			AGGREGATE BASE (CV) CLASS 6 (CU YD)	AGGREGATE BASE CLASS 6 (7) (TON)
	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TYPE SP 12.5 NON WEARING COURSE MIX (3,B)		
	(TON)	(TON)	(TON)		
55TH ST	80	4,440	2,070	7,300	800
FAIRWAY DRIVE	90	290	75	350	100
FAIRWAY LANE	40	240	75	310	100
CSAH 22 AT RETAIL DR	0	60		130	
S.P. 159-158-002 SUBTOTAL	210	5,030	2,220	8,090	1,000
55TH ST	40	100		2,750	100
CSAH 22 AT MEMBERS PKWY	0	20		600	0
S.P. 159-158-003 SUBTOTAL	40	120	0	3,350	100
PROJECT TOTALS	250	5,150	2,220	11,440	1,100

NOTES FOR TAB (J):
(5) 113 LBS/SQ YD/INCH USED TO DETERMINE TONS OF MATERIAL.
(6) TACK COAT INCIDENTAL
(7) TO BE USED AT THE DISCRETION OF FIELD ENGINEER FOR TEMPORARY ACCESS AT PROJECT DRIVEWAYS.

(H) REMOVALS, SAWING AND MILLING (2)														
	REMOVE BITUMINOUS PAVEMENT	SAWING BITUMINOUS PAVEMENT (1)	MILL (2") BITUMINOUS SURFACE	SAWING CONCRETE PAVEMENT (1)	REMOVE CONCRETE PAVEMENT	REMOVE CURB AND GUTTER	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE BITUMINOUS WALK	REMOVE CONCRETE WALK (4)	REMOVE FENCE	REMOVE MAILBOX SUPPORT	SALVAGE MAILBOX SUPPORT	REMOVE GUARDRAIL (3)
	(SQ YD)	(LIN FT)	(SQ YD)	(LIN FT)	(SQ YD)	(LIN FT)	(SQ YD)	(SQ YD)	(SQ FT)	(SQ FT)	(LIN FT)	(EACH)	(EACH)	(LIN FT)
55TH ST	13,420	1,580	2,770			1,580	100	670	36,410	2,280	300	2	4	110
FAIRWAY DRIVE	1,320	940	1,210			110		1,430	1,980	200				
FAIRWAY LANE	1,920	690	820						110					
CSAH 22 AT RETAIL DR	1,340	20		720	1,250				1,360					
S.P. 159-158-002 SUBTOTAL	18,000	3,230	4,800	720	1,250	1,690	100	2,100	39,860	2,480	300	2	4	110
55TH ST		170	770			410		1,140	55	3,090				
CSAH 22 AT MEMBERS PKWY	1,010													
S.P. 159-158-003 SUBTOTAL	1,010	170	770			410		1,140	55	3,090				
PROJECT TOTALS	19,010	3,400	5,570	720	1,250	2,100	100	3,240	39,915	5,570	300	2	4	110

NOTES FOR TAB (H):
(1) ALL BITUMINOUS AND CONCRETE PAVEMENT SAWING IS FULL DEPTH.
(2) REFER TO REMOVAL PLANS FOR LOCATIONS.
(3) INCLUDES MARKERS ON GUARDRAIL (INCIDENTAL)
(4) INCLUDES MEDIAN ON MEMBERS PARKWAY

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H:\Projects\7940\7940-SE001_StateEstimateCity.dwg\MSC-TAB-01

1	4/12/2016	TAM	SBP	SBP	ADDENDUM #2 - REVISE TAB G NOTES AND TAB J ITEMS & QUANTITIES
NO	DATE	BY	CKD	APPR	

I hereby certify that this plan, specification, or report
was prepared by me or under my direct supervision and
that I am a duly Licensed Professional Engineer under
the laws of the State of Minnesota.
Print Name: Steven B. Prusak
Steven B. Prusak
Date 4/12/16 License # 47622

STATE PROJECT NO.
S.P. 159-158-002
S.P. 159-158-003
CITY PROJECT NO.
J9644
J9856

DRAWN BY
T. MASLOW
DESIGNED BY
S. PRUSAK
CHECKED BY
J. JOHNSON
COMM. NO. 0137940



ENGINEERS
PLANNERS
DESIGNERS

CITY OF ROCHESTER		SHEET 12 OF 250
TABULATIONS 55TH STREET NW IMPROVEMENTS		

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STEVE PRUSAK
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CONSTRUCTION / SOILS NOTES

GRADING, BASE AND SURFACE

1. ALL SLOPES ARE SHOWN AS 1 VERTICAL TO XX HORIZONTAL, i.e. 1:XX IN THIS PLAN.
2. TOP OF THE GRADING SUBGRADE IS DEFINED AS THE BOTTOM OF THE CLASS 2 OR 5 AGGREGATE BASE.
3. SUITABLE GRADING MATERIAL ON THIS PROJECT, WHETHER OBTAINED LOCALLY OR FROM BORROW, SHALL CONSIST OF ALL SOILS EXCEPT TOPSOIL, DEBRIS, PEAT, MUCK AND ORGANIC OR OTHER UNSTABLE MATERIAL.
4. UNSUITABLE MATERIALS ARE TOPSOILS, DEBRIS, PEAT, MUCK AND ORGANIC OR OTHER UNSTABLE SOILS.
5. GRANULAR MATERIAL IS DEFINED AS MATERIAL MEETING THE REQUIREMENTS OF SPEC. 3149.2B1. SELECT GRANULAR MATERIAL IS DEFINED AS MATERIAL MEETING THE REQUIREMENTS OF SPEC. 3149.2B2.
6. STRIP SOD AND TOPSOIL FROM LANDSCAPED AREAS TO BE DISTURBED BY CONSTRUCTION AND REUSE AS SLOPE DRESSING. FOR ESTIMATING PURPOSES, THE DEPTH OF TOPSOIL AVAILABLE IS CONSIDERED TO BE 9".
7. ALL TOPSOIL STRIPPING WILL BE CONSIDERED TO BE COMMON EXCAVATION.
8. IN ALL AREAS OF NEW MAINLINE ROADWAY RECONSTRUCTION (PERMANENT AND TEMPORARY), PROVIDE FOR A MINIMUM 12" SUBCUT UNLESS OTHERWISE NOTED. BACKFILL WITH SUITABLE GRADING MATERIAL. ANY UNCONTAMINATED GRANULAR MATERIAL REMOVED FROM THE EXISTING SUBGRADE AREA MAY BE USED IN OTHER AREAS DESIGNATED FOR GRANULAR MATERIAL.
9. SUBGRADE EXCAVATION SHALL BE BACKFILLED IMMEDIATELY AFTER EXCAVATION TO OFFSET STABILITY PROBLEMS.
10. THE PITCH OF GUTTER, HEIGHT OF THE CURB AND OTHER MINOR CHANGES MAY BE ADJUSTED TO MEET EXISTING CONDITIONS AT THE DISCRETION OF THE PROJECT ENGINEER.
11. EXCESS TOPSOIL SHALL BE USED THROUGHOUT THE PROJECT AND IN LOCATIONS INDICATED BY THE ENGINEER.
12. IN FILL SECTIONS, TOPSOIL AND OTHER UNSUITABLE MATERIALS SHALL BE ELIMINATED FROM THE UPPER 4 FEET OF THE "GRADING GRADE" BENEATH THE ROADWAY, WITHIN THE LIMITS SHOWN ON THE TYPICAL SECTIONS.
13. OBTAIN COMPACTION ON THE GRADING PORTIONS OF PERMANENT CONSTRUCTION IN ACCORDANCE WITH "SPECIFIED DENSITY METHOD" REQUIREMENTS.
14. COMPACTION OF THE AGGREGATE BASE LAYER SHALL BE OBTAINED IN ACCORDANCE WITH THE "SPECIFIED DENSITY METHOD". THE TEST SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 3D2 OF THE (2211) AGGREGATE BASE SPECIFICATION, INCLUDED IN THE SPECIAL PROVISIONS. THIS WOULD INCLUDE ANY AREAS WHERE CRUSHED CONCRETE OR SALVAGED ASPHALT MAY BE USED FOR AGGREGATE BASE.
15. COMPACTION OF THE GRADING AND AGGREGATE ITEMS ON BYPASSES AND OTHER TEMPORARY WORK SHALL BE BY THE "QUALITY COMPACTION METHOD".
16. TEST ROLLING SHALL BE PERFORMED FOLLOWING COMPACTION OF THE BOTTOM OF THE SUBCUT AND THE SUBGRADE USING A SINGLE UNIT, 3 AXLE DUMP TRUCK WEIGHING 25 TONS GROSS WEIGHT. RUTTING OR YIELDING OF THE COMPACTED GRADE IN EXCESS OF ONE (1) INCH AS A RESULT OF TEST ROLLING SHALL BE CONSIDERED UNSTABLE. THE TEST ROLLING SHALL BE MADE ACROSS A REASONABLE WIDTH OF THE ROADBED TO THE SATISFACTION OF THE ENGINEER. EXISTING UTILITY TRENCHES FOUND TO BE UNSTABLE AND UNSUITABLE TO TEST ROLLING WILL NOT BE SUBJECT TO THIS PROCEDURE.
17. THE BOTTOM OF ALL SUBCUTS SHALL BE SHAPED AND COMPACTED BY THE "QUALITY COMPACTION METHOD". THE CONTRACTOR SHALL USE A MINIMUM OF 4 PASSES OF AN APPROVED COMPACTION DEVICE.
18. AS A PRECAUTIONARY MEASURE FROM A SOILS STANDPOINT, TRAFFIC LANES TO BE USED DURING CONSTRUCTION MUST BE DELINEATED TO KEEP VEHICLES A SAFE DISTANCE AWAY FROM THE ADJACENT EXCAVATION. THE DELINEATION SHOULD COINCIDE WITH POINTS ESTABLISHED BY PROJECTING A 1V:2H OR GREATER (FLATTER) SLOPE BETWEEN THE EDGE OF THE TRAFFIC SURFACE AND THE BOTTOM OF THE EXCAVATION.
19. WHERE CONNECTING TO THE INPLACE ROADWAYS AT THE TERMINI OF PROPOSED CONSTRUCTION, CUT VERTICALLY TO THE BOTTOM OF THE INPLACE SURFACING OR TO THE BOTTOM OF THE NEW SURFACING, WHICHEVER IS DEEPER, THEN 1V:20H TO THE BOTTOM OF THE RECOMMENDED SUBGRADE EXCAVATION, UNLESS OTHERWISE NOTED.
20. PROVIDE 1V:20H LONGITUDINAL TAPERS BETWEEN CHANGES IN SUBGRADE AND SUBCUT DEPTHS.
21. DITCH BOTTOMS, TOE OF FILL, CUT RUNOUTS AND THE TOP EDGE OF BACKSLOPES SHALL BE ROUNDED REGARDLESS OF THE SECTION USED ON THE TYPICAL SECTIONS AND CROSS SECTION SHEETS.
22. PROVIDE FOR A UNIFORM BITUMINOUS TACK COAT BETWEEN ALL BITUMINOUS COURSES. THE TACK COAT SHALL BE IN ACCORDANCE WITH MN/DOT SPECIFICATION 2357 WITH THE FOLLOWING MODIFICATIONS:
1. THE TACK COAT SHALL CONSIST OF EMULSIFIED ASPHALT (CSS-1 OR CSS-1H) AND SHALL BE APPLIED BETWEEN ALL BITUMINOUS COURSES.
2. THE TACK COAT SHALL BE APPLIED AT A UNIFORM RATE OF 0.03 TO 0.05 GAL/SY BETWEEN BITUMINOUS LAYERS AND 0.07 TO 0.10 GAL/SY ON MILLED BITUMINOUS SURFACES PRIOR TO BEING OVERLAID.
3. TACK COAT SHALL BE INCIDENTAL TO BITUMINOUS PAVING.

CONSTRUCTION / SOILS NOTES

23. STABILIZING AGGREGATE SHALL BE INCORPORATED INTO THE SUBGRADE TO ACHIEVE SATISFACTORY SURFACE STABILITY AT LOCATIONS DEEMED NECESSARY BY THE ENGINEER, IN ACCORDANCE WITH THE PROVISIONS OF SPEC. 2105.3G. GRANULAR MATERIAL WHICH IS FURNISHED BY THE CONTRACTOR SHALL BE STABILIZED, IF NECESSARY, AT THE CONTRACTOR'S EXPENSE. WHERE STABILIZING AGGREGATE IS DEEMED NECESSARY, IT SHALL BE APPLIED AT A RATE OF APPROXIMATELY 200 LBS/SY.
24. PROVIDE A FULL DEPTH SAWCUT WHERE PLACING NEW PAVEMENT ADJACENT TO INPLACE PAVEMENT TO ENSURE A UNIFORM JOINT.
25. MnDOT 2112 SUBGRADE PREPARATION IS MODIFIED TO THE DEPTH SHOWN IN THE TYPICAL SECTIONS.

REMOVALS

26. PROVIDE FOR THE REMOVAL AND DISPOSAL OF ANY INPLACE SURFACING, GUARDRAIL, OTHER STRUCTURES OR DEBRIS THAT WOULD INTERFERE WITH CONSTRUCTION. ALL SUCH MATERIALS SHALL BECOME THE PROPERTY OF CONTRACTOR AND SHALL EITHER BE RECYCLED TO THE EXTENT ALLOWED OR DISPOSED OF OFF THE RIGHT OF WAY IN ACCORDANCE WITH SPEC. 2104 PROVIDE FOR SAW CUTTING AS DEEMED NECESSARY BY THE ENGINEER.
27. THE EXISTING PAVEMENT THICKNESSES ARE ASSUMED TO BE 6 TO 7.5 INCHES OF BITUMINOUS OVER AGGREGATE BASE. THE CONTRACTOR SHALL INVESTIGATE AND MAKE HIS OWN DETERMINATION. (INFORMATION TAKEN FROM THE PROJECT SOIL BORINGS AND RECORD DRAWINGS).

TURF ESTABLISHMENT

28. PLACE A MINIMUM OF 6 INCHES OF TOPSOIL OR SLOPE DRESSING ON ALL AREAS SCHEDULED FOR PERMANENT TURF ESTABLISHMENT.
29. SEE TURF ESTABLISHMENT PLANS FOR LOCATION AND TYPE OF SEEDING.

MISCELLANEOUS

30. WHERE SEDIMENT DEPOSITS IN WATERS OF THE STATE, THE MATERIAL MUST BE REMOVED WITHIN 7 DAYS.
31. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.
32. THE CONTRACTOR IS HEREBY REMINDED OF HIS RESPONSIBILITY UNDER STATE LAW TO CONTACT ALL UTILITIES THAT MAY HAVE FACILITIES IN THE AREA. CONTACT MUST BE MADE THROUGH GOPHER STATE ONE-CALL.
33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OUTSIDE THE CONSTRUCTION LIMITS RESULTING FROM NEGLIGENCE.
34. TRACKING OF SEDIMENT INTO THE PUBLIC RIGHT OF WAY SHALL BE CLEANED UP AT THE END OF EACH WORKING DAY.

UTILITIES

35. UTILITY COMPANIES WHOSE FACILITIES ARE SHOWN ON THE PLANS OR KNOWN TO BE WITHIN THE CONSTRUCTION LIMITS SHALL BE NOTIFIED BY THE CONTRACTOR OF THE CONSTRUCTION STARTING DATE PRIOR TO EACH STAGE OF CONSTRUCTION.
36. CERTAIN RELOCATION OF EXISTING UTILITIES WILL BE REQUIRED AS A RESULT OF THIS PROJECT'S CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY POTENTIAL UTILITY CONFLICTS, VERIFY UTILITY CONFLICTS AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES TO AVOID UNNECESSARY DELAYS. NO COMPENSATION WILL BE MADE FOR DELAYS ASSOCIATED WITH THE CONTRACTORS FAILURE TO ADEQUATELY COORDINATE WITH UTILITY COMPANIES.
37. ALL PRIVATELY OWNED UTILITY MANHOLES TO BE RESET BY OTHERS.

1	4/12/2016	TAM	SBP	SBP	ADDENDUM #2 - REVISE NOTES 13, 14, 15, & 17
NO	DATE	BY	CKD	APPR	

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Print Name: Steven B. Prusak
Steven B. Prusak
Date 4/12/16 License # 47622

STATE PROJECT NO.
S.P. 159-158-002
S.P. 159-158-003
CITY PROJECT NO.
J9644
J9856

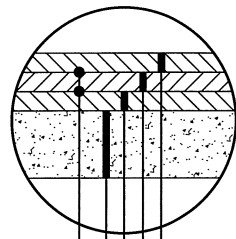
DRAWN BY
T. MASLOW
DESIGNED BY
S. PRUSAK
CHECKED BY
J. JOHNSON
COMM. NO. 0137940



ENGINEERS
PLANNERS
DESIGNERS

CITY OF ROCHESTER
CONSTRUCTION AND SOIL NOTES
55TH STREET NW IMPROVEMENTS

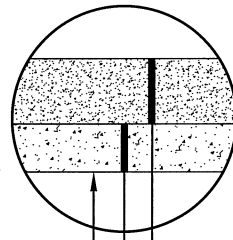
SHEET
15
OF
250



2" TYPE SP 12.5 WEARING
COURSE MIXTURE
MnDOT SPEC. 2360, SPWEB340C
2" TYPE SP 12.5 WEARING
COURSE MIXTURE
MnDOT SPEC. 2360, SPWEB340C
2" TYPE SP 12.5 NON-WEARING
COURSE MIXTURE
MnDOT SPEC. 2360, SPNWB330B
12" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211
TACK COAT MnDOT SPEC. 2357 (INCIDENTAL)

DETAIL A

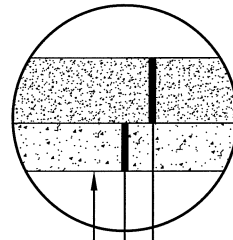
55TH STREET (SP 159-158-002)
FAIRWAY DRIVE
44TH AVENUE
MEMBERS PARKWAY



8.5" CONCRETE PAVEMENT
9.5" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211
GRADING GRADE

DETAIL B

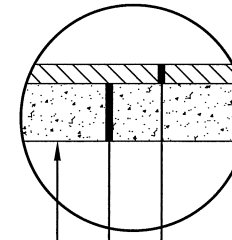
55TH STREET (SP 159-158-003)



9" CONCRETE PAVEMENT
6" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211
GRADING GRADE

DETAIL C

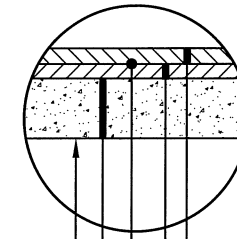
CSAH 22 TURN LANES



2" TYPE SP 12.5 WEARING
COURSE MIXTURE
MnDOT SPEC. 2360, SPWEB340C
7" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211
GRADING GRADE

DETAIL D

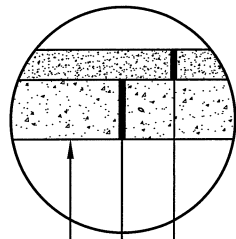
CSAH 22 SHOULDERS



1.5" TYPE SP 9.5 WEARING
COURSE MIXTURE MnDOT
SPEC. 2360, SPWEA230B
1.5" TYPE SP 9.5 WEARING
COURSE MIXTURE MnDOT
SPEC. 2360, SPWEA230B
TACK COAT MnDOT SPEC. 2357 (INCIDENTAL)
6" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211 (INCIDENTAL)
COMPACTED SUBGRADE (INCIDENTAL)

DETAIL E

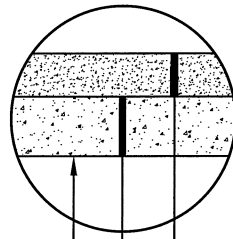
BITUMINOUS PATH (PAID AS 3" BITUMINOUS WALK)
BITUMINOUS DRIVEWAYS (PAID BY THE TON)



5" CONCRETE WALK OR
4" CONCRETE WALK SPECIAL
4" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211 (INCIDENTAL)
COMPACTED SUBGRADE (INCIDENTAL)

DETAIL F

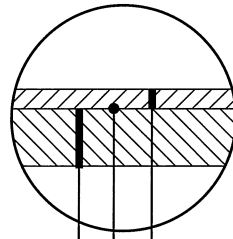
5" CONCRETE WALK
4" CONCRETE MEDIAN
(STAMPED & COLORED, SEE
SPECIAL PROVISIONS, PAID AS 4"
CONCRETE WALK SPECIAL)



7" CONCRETE PAVEMENT
4" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211 (INCIDENTAL)
COMPACTED SUBGRADE
(INCIDENTAL)

DETAIL G

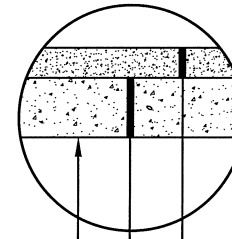
CONCRETE DRIVEWAY PAVEMENT



2" TYPE SP 12.5 WEARING
COURSE MIXTURE
MnDOT SPEC. 2360, SPWEB340C
TACK COAT MnDOT SPEC. 2357
(INCIDENTAL)
EXISTING BITUMINOUS PAVEMENT

DETAIL H

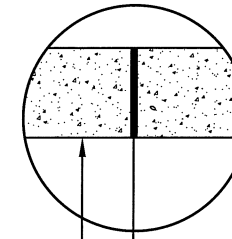
55TH STREET OVERLAY
FAIRWAY DRIVE OVERLAY
FAIRWAY LANE OVERLAY
MEMBERS PARKWAY OVERLAY



8" CONCRETE PAVEMENT
10" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211
GRADING GRADE

DETAIL I

DISTRIBUTION SLAB
AT TWIN OAKS PARK
ENTRANCE/BRIDGE #5KJ99
(SEE CONSTRUCTION PLAN)



6" AGGREGATE BASE CLASS 6
MnDOT SPEC. 2211
GRADING GRADE

DETAIL J

FAIRWAY DRIVE SHOULDERS
FAIRWAY LANE SHOULDERS
CSAH 22 SHOULDERS
AGGREGATE DRIVEWAYS

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1	4/12/2016	TAM	SBP	SBP	ADDENDUM #2 - REVISE DETAIL E PAVEMENT MIXTURE.
NO	DATE	BY	CKD	APPR	

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Print Name: Steven B. Prusak
Date: 4/12/16 License # 47622

STATE PROJECT NO.
S.P. 159-158-002
S.P. 159-158-003
CITY PROJECT NO.
J9644
J9856

DRAWN BY
T. MASLOW
DESIGNED BY
S. PRUSAK
CHECKED BY
J. JOHNSON
COMM. NO. 0137940



ENGINEERS
PLANNERS
DESIGNERS

CITY OF ROCHESTER
TYPICAL SECTIONS
55TH STREET NW IMPROVEMENTS
PAVEMENT DETAILS

SHEET
34
OF
250

sprusak
Apr 11, 12, 2016 - 12:43:33PM
H:\Projects\7940\HI-MU\Plan\7940_STG01_StagingTrafficControl.dwg:TC-2

GENERAL NOTES

PEDESTRIAN / BICYCLE TRAFFIC ALONG 55TH STREET NW SHALL GENERALLY BE DISCOURAGED DURING CONSTRUCTION VIA SIGNAGE UNLESS NOTED OTHERWISE IN INDIVIDUAL STAGE NARRATIVES.

ACCESS TO BE MAINTAINED TO ALL DRIVEWAYS AT ALL TIMES UNLESS OTHERWISE NOTED BELOW.

ALL WORK MUST BE SCHEDULED IN ACCORDANCE WITH THE WETLAND PERMIT.

THE NORTHERN LONG EARED BAT ROOSTING SEASON IS APRIL 1 - OCTOBER 31 WITH MATERNITY SEASON FROM JUNE 1 - JULY 31. LIMIT TREE REMOVAL TO REMOVALS NECESSARY FOR STAGED CONSTRUCTION DURING THESE SEASONS OR AS APPROVED BY THE ENGINEER.

STAGE 1 - SUMMER 2016

CLOSE 55TH STREET TO THRU TRAFFIC FROM 50TH AVENUE TO EASTERN DRIVEWAY OF CHURCH (STA. 97+09 - STA. 125+00).

CLOSE GREENS DRIVE & NICKLAUS DRIVE AT 55TH STREET.

RECONSTRUCT PEDESTRIAN CURB RAMPS AT THE NORTHEAST AND SOUTHEAST QUADRANTS OF 50TH AVENUE/55TH STREET AND BOTH SIDES OF GREENS DRIVE AND NICKLAUS DRIVE.

INSTALL 12 INCH WATERMAIN RELOCATION, CONSTRUCT BOX CULVERTS (BRIDGE #55J99), CONCRETE PAVE DISTRIBUTION SLAB AND REBUILD ENTRANCE TO WHITE OAKS PARK. FEDERAL LAWS REGARDING IMPACTS TO PARK LANDS REQUIRE MAINTENANCE OF PEDESTRIAN / BICYCLE TRAFFIC TO WHITE OAKS PARK AT ALL TIMES. CARE SHALL BE TAKEN TO PRESERVE EXISTING PATHS ALONG THE NORTH SIDE OF 55TH STREET UNTIL CONSTRUCTION IS IMMINENT. TEMPORARY CLOSURES FOR CONSTRUCTION OF BRIDGE #55J99 AND THE ADJACENT PARK ENTRANCE ARE ALLOWED PROVIDED ACCESS IS RESTORED AS SWIFTLY AS POSSIBLE . DURING CONSTRUCTION OF THESE ELEMENTS OF STAGE 1, THE REQUIREMENTS OF THE (2563) TEMPORARY PEDESTRIAN ACCESS CONTROL SPECIAL PROVISION SHALL BE IN EFFECT. SEE SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

MILL SOUTH SIDE OF 55TH STREET FROM 100+50 TO 110+50 RT.

REMOVE EXISTING NORTH CURB LINE BETWEEN 99+50 AND 110+50 LT AND SALVAGE EXISTING CONCRETE STORM SEWER TRUNK LINE. REINSTALL STORM SEWER ALONG NEW NORTH CURB LINE FROM 99+50 TO 110+50 LT AND CONSTRUCT CENTERLINE TRUNK STORM SEWER FROM 113+00 TO 120+00. BUILD WET SEDIMENT BASIN (POND) B AND CONTINUE STORM SEWER INSTALLATION TO 44TH AVENUE.

CONSTRUCT 8 INCH WATERMAIN RELOCATION AT 44TH AVENUE, INSTALL STORM SEWER CROSSINGS AND BUILD 44TH AVENUE TO THE TOP OF THE AGGREGATE SURFACE.

INSTALL NEW SIGNAL AT 44TH AVENUE/55TH STREET INTERSECTION BUT DO NOT ACTIVATE.

CONSTRUCT 55TH STREET TO THE TOP OF THE AGGREGATE SURFACE FROM 99+50 TO 125+00.

55TH STREET EAST OF STA. 125+00 WILL REMAIN AS IS DURING THIS STAGE.

STAGE 2A - SUMMER / FALL 2016

OPEN 55TH STREET TO LOCAL TRAFFIC BETWEEN 50TH AVENUE AND 44TH AVENUE ON AGGREGATE SURFACE. ACCESS CHURCH VIA THE WESTERN ENTRANCE ONLY AND WHITE OAKS PARK FROM THE WEST VIA 50TH AVENUE.

ESTABLISH ONE WAY TRAFFIC (WESTBOUND ONLY) FROM EXISTING 41ST AVENUE TO 44TH AVENUE ON THE EXISTING PAVEMENT ON THE SOUTH SIDE OF 55TH STREET. MAINTAIN ACCESS AT ALL TIMES FOR SUNRISE COTTAGES AND 4201 / 4203 55TH STREET.

INSTALL THE CENTERLINE TRUNK STORM SEWER, WET SEDIMENT BASIN (POND) A AND NORTH SIDE LATERALS FROM 122+50 TO 133+00. EXTEND SOUTH SIDE LATERALS ONE PIPE LENGTH FROM CENTERLINE STRUCTURES. OUTFALLS TO AP-21, AP-22, AP-26 AND AP-27 WILL NEED TO BE CONSTRUCTED UNDER TRAFFIC. THE 12 INCH WATERMAIN RELOCATION WILL ALSO HAVE TO BE CONSTRUCTED UNDER TRAFFIC.

CONSTRUCT NORTH SIDE OF 55TH STREET TO THE TOP OF THE AGGREGATE SURFACE FROM 125+00 TO 133+00.

55TH STREET EAST OF 133+00 WILL REMAIN AS IS DURING THIS STAGE.

STAGE 2B - SUMMER / FALL 2016

MAINTAIN ONE WAY TRAFFIC (WESTBOUND ONLY) FROM EXISTING 41ST AVENUE TO 44TH AVENUE ON THE NEW AGGREGATE SURFACE BUILT IN STAGE 2A.

ACCESS CHURCH VIA THE WESTERN ENTRANCE ONLY. MAINTAIN ACCESS AT ALL TIMES FOR SUNRISE COTTAGES AND 4201 / 4203 55TH STREET.

COMPLETE SOUTH SIDE 55TH STREET STORM SEWER LATERALS STARTED IN STAGE 2A.

CONSTRUCT SOUTH SIDE OF 55TH STREET TO THE TOP OF THE AGGREGATE SURFACE. BUILD THE EASTERN CHURCH ENTRANCE AND BOTH ENTRANCES TO SUNRISE COTTAGES.

BITUMINOUS PAVE 55TH STREET TO FINISHED GRADE SURFACE FROM 50TH AVENUE TO STA. 133+00. BUILD ADJACENT PATHS AND WALKS TO THE SAME EXTENTS.

ACTIVATE NEW SIGNAL AT 44TH AVENUE/55TH STREET INTERSECTION.

STAGE 3 - FALL 2016

REMOVE EXISTING HOMES AND OUTBUILDINGS AT 4104 AND 4110 55TH STREET NW.

MAINTAIN EXISTING ACCESS/DRIVEWAY TO THE HOME FEDERAL SAVINGS BANK AND VA CLINIC.

CONSTRUCT 8 INCH WATERMAIN RELOCATION, INSTALL BOX CULVERTS (6'X4' & BRIDGES #55K00 AND #55K01), AND REGRADE KINGS RUN CHANNELS.

CONSTRUCT WET SEDIMENT BASIN (POND) C.

CONSTRUCT 55TH STREET FROM FAIRWAY DRIVE TO CSAH 22 TO THE TOP OF AGGREGATE. DO NOT INSTALL CURB & GUTTER, PATH OR SURFACE DRAINAGE STORM SEWER AT THIS TIME.

ACCESS TO DOG PARK SHALL BE MAINTAINED. ONLY OCCASIONAL TEMPORARY CLOSURES TO CONSTRUCT 55TH STREET WILL BE ALLOWED.

INSTALL NEW SIGNALS AT 55TH STREET/FAIRWAY DRIVE AND 55TH STREET/CSAH 22 INTERSECTIONS BUT DO NOT ACTIVATE.

BARRICADE 55TH STREET AT CSAH 22 TO DETER THRU TRAFFIC.

STAGE 4 - SPRING 2017

CLOSE 55TH STREET TO THRU TRAFFIC BETWEEN SUNRISE COTTAGES AND THE BANK/VA CLINIC.

CONSTRUCT CURB & GUTTER , PATH AND SURFACE DRAINAGE STORM SEWER ALONG 55TH STREET FROM FAIRWAY DRIVE TO CSAH 22.

COMPLETE CONSTRUCTION OF 55TH STREET BETWEEN FAIRWAY DRIVE AND CSAH 22 TO TOP OF AGGREGATE SURFACE.

CONSTRUCT NEW BANK ENTRANCE AND REMOVE OLD BANK ENTRANCE WHILE MAINTAINING BANK ACCESS AT ALL TIMES.

CONSTRUCT 55TH STREET NORTHWEST TO 133+00 AND FAIRWAY DRIVE NORTHEAST TO 402+50 FROM THE NEW INTERSECTION BUILT IN STAGE 3 TO THE TOP OF THE AGGREGATE SURFACE.

SWITCH 55TH STREET ACCESS TO THE NEW INTERSECTION AND REMOVE EXISTING 55TH STREET BETWEEN THE TWO LEGS. 55TH STREET REMAINS CLOSED TO ALL TRAFFIC SOUTH OF FAIRWAY DRIVE.

CONSTRUCT DRY POND D TO THE NORTH OF THE INTERSECTION.

55TH STREET EAST OF 402+50 WILL REMAIN AS IS DURING THIS STAGE.

STAGE 5 - SUMMER 2017

CONSTRUCT TURN LANES AT 55TH STREET/CSAH 22 INTERSECTION (NORTH, SOUTH & EAST LEGS).

CONCRETE PAVE TURN LANES ON CSAH 22 AND 55TH STREET FROM FAIRWAY DRIVE TO CSAH 22 TO FINISHED GRADE SURFACE.

BITUMINOUS PAVE CSAH 22 TURN LANE SHOULDERS AND DOG PARK ENTRANCE TO FINISHED GRADE SURFACE.

INSTALL MEDIAN PLANTINGS ON 55TH STREET.

ACTIVATE NEW SIGNAL AT 55TH STREET/CSAH 22 INTERSECTION.

STAGE 6 - SUMMER 2017

CLOSE WEST LEG OF EXISTING 55TH STREET/CSAH 22 INTERSECTION TO ALL TRAFFIC. WEST CIRCLE DRIVE ACCESS TO THE MALL VIA RETAIL DRIVE WILL REMAIN IN PLACE.

ROUTE ALL TRAFFIC VIA THE NEW 55TH STREET/CSAH 22 INTERSECTION. MODIFY IN-PLACE SIGNAL AT EXISTING 55TH STREET ACCORDINGLY.

MILL/RECONFIGURE NEW FAIRWAY DRIVE & FAIRWAY LANE (EXISTING 55TH STREET NEAR BANK), CONSTRUCT CUL-DE-SAC AND CHURCH ACCESS, AND REMOVE EXISTING 55TH STREET CONNECTION TO CSAH 22.

STAGE 7 - SUMMER 2017

BITUMINOUS PAVE 55TH STREET, FAIRWAY DRIVE AND FAIRWAY LANE TO FINISHED BITUMINOUS WEAR SURFACE UNDER LOCAL TRAFFIC.

REMOVE RIGHT TURN LANE TO EXISTING 55TH STREET OFF CSAH 22.

MAINTAIN PATH CONNECTION TO THE NORTH OF THE EXISTING 55TH STREET/CSAH 22 INTERSECTION AT ALL TIMES.

1	4/12/2016	TAM	SBP	SBP	ADDENDUM #2 -- REVISED PEDESTRIAN / BICYCLE TRAFFIC NOTES
NO	DATE	BY	CKD	APPR	
H:\Projects\7940\HI-MU\Plan\7940_STG01_StagingTrafficControl.dwg:TC-2					

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: Steven B. Prusak


Steven B. Prusak

Date 4/12/16 License # 47622

STATE PROJECT NO.
S.P. 159-158-002
S.P. 159-158-003

CITY PROJECT NO.
J9644
J9856

DRAWN BY
T. MASLOW
DESIGNED BY
S. PRUSAK
CHECKED BY
J. JOHNSON
COMM. NO. 0137940



ENGINEERS
PLANNERS
DESIGNERS

CITY OF ROCHESTER

STAGING, TRAFFIC CONTROL &
TEMPORARY EROSION CONTROL PLAN
55TH STREET NW IMPROVEMENTS

STAGING NARRATIVE

SHEET
54
OF
250

(X)	DRAINAGE TABULATIONS																																			
	NODE NUMBER	STATION (1)	OFF SET (1)	DRAINAGE STRUCTURE									CASTING ASSEMBLY (10)				TOP OF CASTING ELEVATION	OUTLET ELEV.	RC PIPE (DESIGN 3006)										FLOWS TO	SLOPE (13)	INLET ELEV.	CONNECT TO EXITING STORM SEWER	CONNECT TO EXITING DRAINAGE STRUCTURE	INSTALL CONCRETE SEWER (SALVAGED)	INSTALL CASTING (SALVAGED)	REMARKS
				TYPE 1 (2'x3') DSDS-1 (2)	TYPE 4- 48" DSDS-2 (3)	TYPE 4- 60" DSDS-3 (4)	TYPE 4- 72" DSDS-4 (5)	TYPE 4- 84" DSDS-5 (6)	TYPE 4- 96" DSDS-6 (7)	TYPE 4- 108" DSDS-7 (8)	DRAINAGE STRUCTURE DESIGN G	CONTROL STRUCTURE A OR B	BLIND-TIE (9)	TYPE B	TYPE C	TYPE 2A			TYPE 7	12" CL. III	15" CL. III	18" CL. III	24" CL. III	30" CL. III	36" CL. III	48" CL. III	48" CL V	58" SPAN RC PIPE-ARCH CULV CL IIA								
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH			EACH	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT								
55TH ST - 50TH AVE TO FAIRWAY DR (S.P. 159-158-002)																																				
EX CB-1	99+55.71'	25.96' LT														1070.36	1065.69											CB-2	3.55	1057.45		1	232		(12)	
CB-2	101+87.82'	25.23' LT		1												1062.16	1057.35											CB-3	3.50	1050.20			204	1	(12) X2	
STUB 2A	101+87.03'	7.25' LT															1057.59			18								EX PIPE	0.72	1057.46	1				(11)	
CB-3	103+92.25'	24.06' LT				1										1054.76	1047.50											CB-4	1.40	1044.77			195	1	(12) X2	
STUB 3A	103+89.66'	6.19' LT															1049.22					18						EX PIPE	1.11	1049.02	1				(11)	
CB-4	105+87.50'	24.65' LT			1											1051.24	1044.67											CB-5	1.30	1042.13			195	1	(12) X2	
STUB 4A	105+86.86'	6.66' LT															1047.32		18									EX PIPE	2.78	1046.82	1				(11)	
CB-5	107+82.72'	24.65' LT			1											1047.61	1042.03											CB-6	2.67	1037.34			175	1	(12) X2	
STUB 5A	107+82.37'	6.65' LT															1042.89			18								EX PIPE	4.11	1042.15	1				(11)	
CB-6	109+58.16'	24.65' LT			1								1			1042.99	1037.24							36				CB-8	1.40	1036.74					(12)	
CB-7	109+52.91'	59.42' LT								1					1	1040.50	1037.50	35										CB-6	0.50	1037.32						
CB-8	109+93.90'	23.48' LT						1					1			1041.91	1036.64							18				EX PIPE	1.25	1036.42	1				(12), (11)	
CB-9	112+82.39'	25.48' LT	1											1		1037.08	1033.35	49										MH-1	0.50	1033.10					(12)	
CB-10	113+03.00'	25.48' RT	1											1		1036.95	1033.45	20										CB-10A	0.50	1033.35						
CB-10A	113+23.00'	25.23' RT		1										1		1036.82	1033.25		25									MH-1	0.60	1033.10					(12)	
CB-11	114+94.39'	25.52' LT	1											1		1035.56	1031.81	26										MH-2	0.50	1031.68					(12) X2	
CB-12	114+92.83'	25.43' RT	1											1		1035.57	1031.82	26										MH-2	0.50	1031.69					(12) X2	
CB-13	117+19.09'	25.35' LT	1											1		1033.88	1030.13	26										MH-3	1.00	1029.87					(12) X2	
CB-14	117+18.18'	25.61' RT	1											1		1033.87	1030.12	26										MH-3	1.00	1029.86					(12) X2	
CB-15	119+51.21'	23.95' LT				1								1		1032.16	1027.22				83							AP-2	0.80	1026.50					(12)	
CB-16	119+31.24'	25.36' LT	1											1		1032.29	1028.54	20										CB-15	2.00	1028.14					(12)	
CB-17	119+53.54'	25.59' RT	1											1		1032.13	1028.38	26										MH-4	1.00	1028.12					(12) X2	
CB-18	121+98.77'	25.52' RT	1											1		1031.06	1027.10	21										CB-19	1.00	1026.89					(12)	
CB-19	122+19.48'	25.32' RT		1										1		1030.97	1026.79		29									MH-7	0.50	1026.65					(12)	
CB-20	121+99.45'	25.36' LT	1											1		1031.06	1027.26	21										CB-21	1.00	1027.05					(12)	
CB-21	122+20.16'	25.09' LT		1										1		1030.98	1026.95		28									MH-7	1.00	1026.67						
CB-22	122+56.65'	70.74' LT		1							1			1		1032.22	1028.13		10									CORE	11.00	1027.06	1					
CB-24	122+93.49'	70.75' LT	1											1		1032.45	1028.70	36										CB-22	1.00	1028.34						
CB-25	125+07.36'	25.55' RT	1											1		1029.82	1026.07	26										MH-9	1.00	1025.81					(12) X2	
CB-26	125+07.31'	37.91' LT	1											1		1029.57	1025.82		38									MH-9	0.50	1025.63					(12) X2	
CB-27	126+82.01'	25.43' LT	1											1		1029.13	1025.38	25										MH-10	1.00	1025.13					(12) X2	
CB-28	126+82.13'	25.53' LT	1											1		1029.13	1025.38	25										MH-10	1.00	1025.13					(12) X2	
CB-29	129+11.70'	25.20' LT		1										1		1028.21	1023.83		111									AP-12	0.30	1023.50					(12)	
CB-30	129+11.81'	25.51' LT	1											1		1028.21	1024.46	25										MH-11	1.00	1024.21					(12)	
CB-31	130+54.99'	25.55' RT	1											1		1027.72	1024.12	10										CB-32	1.00	1024.02					(12)	
CB-32	130+64.98'	24.43' LT		1										1		1027.72	1023.88				25							MH-13	0.30	1023.81						
CB-32A	130+56.05'	54.44' LT								1			</																							

PERMANENT PAVEMENT MARKINGS

SIGN PANELS TYPE C										
SIGN NO.	SP 159-158-002 QUANTITY	SP 159-158-003 QUANTITY	POSTS		PANEL SIZE (IN)	PANEL AREA (SF)	SP 159-158-002 AREA (SF)	SP 159-158-003 AREA (SF)	CODE NO.	PANEL LEGEND
			NO.	KNEE BRACE QUANTITY						
C-1	2		2		30 X 30	7.1	14.2		R1-1	STOP
					18 X 6				R1-3P	ALL WAY
C-2	2		2		24 X 30	5.0	10.0		R2-1	SPEED LIMIT 40
C-3	6		2		24 X 36	6.0	36.0		R3-9B	CENTER LANE ONLY
C-4	6	2	2		24 X 18	7.0	42.0	14.0	R3-17	BIKE LANE
					24 X 24				R8-3	NO PARKING
C-5	2		2		30 X 30	6.3	12.6		R1-1	STOP
C-6	2		2	1	36 X Pent	16.8	33.6		S1-1	CROSSING
					24 X 8				S4-3P	SCHOOL
C-7	2		2	1	36 X 30	7.5	15.0		R3-30AC	LEFT/STRAIGHT ONLY
C-8	1	1	2		30 X 30	6.3	6.3	6.3	R3-7R	RIGHT LANE MUST TURN RIGHT
C-9	1	1	2	1	36 X 30	7.5	7.5	7.5	R4-4	BEGIN RIGHT LANE YIELD BIKES
C-10	1	1	2		30 X 30	8.6	8.6	8.6	W-14R	REVERSE CURVE - RIGHT
					18 X 18				W13-1P	SPEED ADVISORY PLAQUE - 30
C-11	1		2		30 X 30	6.3	6.3		W14-1	DEAD END
C-12		1	2		24 X 30	5.0		5.0	R2-1	SPEED LIMIT 30
C-13		3	2		24 X 30	5.0		15.0	R4-7	STAY RIGHT WARNING
					18 X 18				X4-2	TYPE 1 OBJECT MARKER
C-14		1	2	1	36 X 36	9.0		9.0	R5-1	DO NOT ENTER
C-15		2	2	1	36 X 30	7.5		15.0	R3-30CA	STRAIGHT/RIGHT ONLY
C-16		5	2	1	36 X 30	7.5		37.5	R3-30AB	DOUBLE LEFT ONLY
C-17		2	2	1	36 X 30	7.5		15.0	R3-30BA	DOUBLE RIGHT ONLY
C-18		1	2		36 X 12	3.0		3.0	R6-1R	ONE WAY
C-19		1	2		30 X 30	10.3		10.3	R1-1	STOP
					24 X 24				R3-2	NO LEFT TURN
C-20	1		2		30 X 30	7.8	7.8		R1-1	STOP
					6 X 18				D3-X1	STREET NAME - 55TH ST
					6 X 18				D3-X1	STREET NAME - GREENS DR
C-21	1		2		30 X 30	7.8	7.8		R1-1	STOP
					6 X 18				D3-X1	STREET NAME - 55TH ST
					6 X 18				D3-X1	STREET NAME - NICKLAUS DR
C-22	1		2		30 X 30	7.0	7.0		R1-1	STOP
					6 X 18				D3-X1	STREET NAME - 55TH ST
C-23		1	2	1	36 X 30	7.5		7.5	R3-30AA	LEFT/RIGHT ONLY
C-24		1	2	1	36 X 36	9.0		9.0	R3-2	NO LEFT TURN
C-25	1		2		24 X 18	4.3	4.3		R3-17	BIKE LANE
					24 X 8				R3-17bP	ENDS
C-26	1		2		30 X 30	9.3	9.3		W11-1	BIKE
					18 X 24				W16-1P	SHARE ROAD
C-27	1		2		24 X 18	4.3	4.3		R3-17	BIKE LANE
					24 X 8				R3-17aP	AHEAD
C-28	1		2	1	54 X 30	11.3	11.3		R3-30ACA	RIGHT-STRAIGHT-LEFT ONLY
M-1	3		2		18 X 18	2.3			X4-11	TYPE 4 OBJECT MARKER
TOTALS							244	163		

1	4/12/2016	TAM	SBP	SBP	ADDENDUM #2 - REVISE NOTE 6 BENEATH TAB FF
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STATE PROJECT NO.	S.P. 159-158-002
	S.P. 159-158-003
CITY PROJECT NO.	J9644
	J9856



SRE
Consulting Group, Inc.

ENGINEERS
PLANNERS
DESIGNERS

CITY OF ROCHESTER
SIGNING & STRIPING TABULATIONS
55TH STREET NW IMPROVEMENTS

SHEET
156
OF
250

SALVAGE SIGN TYPE C

GENERAL NOTES FOR SIGNING TABS:

1. POST LENGTHS ARE APPROXIMATE AND INCLUDE EMBEDMENT BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.
2. SEE SHEETS 164 - 166 FOR STRUCTURAL DETAILS.
3. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWING OF TYPE C SIGN PANELS.
4. SALVAGE SIGN TYPE C INCLUDES REMOVAL OF EXISTING SIGN POSTS AND RETURN OF SIGNS TO THE CITY.
5. MOUNTING HEIGHT IS MINIMUM, SEE SHEET 167 FOR TYPICAL MOUNTING.
6. PROPOSED SIGNS SHALL BE INSTALLED ON TELESAR SQUARE TUBES IN CITY-OWNED RIGHT OF WAY AND FLANGED CHANNEL STEEL POSTS IN COUNTY-OWNED RIGHT OF WAY.

REMOVE SIGN TYPE C

SIGN NO. NO.	SP 159-158-002 TOTAL	SP 159-158-003 TOTAL	CODE NO.	PANEL LEGEND
R-1	4	3	R1-1	STOP
R-2	2		R2-1	SPEED LIMIT - 40 MPH
R-3	1		W11-15a	TRAIL X-ING
			R8-3	NO PARKING
R-4	2		R2-1	SPEED LIMIT - 40 MPH
			R8-3	NO PARKING
R-5	3		R3-17	BIKE ROUTE
			R5-3	NO MOTOR VEHICLES
R-6	1		D3-X1	STREET NAME - 55TH ST NW
			D3-X1	STREET NAME - 44TH AVE NW
R-7	2		W3-1	STOP AHEAD
R-8	1		W11-2	PEDESTRIAN
			R8-3	NO PARKING
R-9	2		R8-3	NO PARKING
R-10	1			STATE GAME REFUGE
R-11	2		R3-30AELA	LEFT ONLY-LEFT STRAIGHT-RIGHT ONLY
R-12		2	R5-1	DO NOT ENTER
R-13		3	R4-7	STAY RIGHT
R-14		1	D3-X1	STREET NAME - MEMBERS PKWY NW
			D3-X1	STREET NAME - WEST CIRCLE DR NW
R-15		1	R4-7	STAY RIGHT
			R5-1	DO NOT ENTER
R-16	1		R1-1	STOP
			D3-X1	STREET NAME - 55TH ST NW
			D3-X1	STREET NAME - GREENS DR NW
R-17		1	R1-1	STOP
			D3-X1	STREET NAME - 55TH ST NW
			D3-X1	STREET NAME - NICKLAUS DR NW
R-18	2		R1-1	STOP
			R1-3P	ALL WAY
R-19	1		R1-1	STOP
			D3-X1	STREET NAME - 55TH ST NW
			D3-X1	STREET NAME - FAIRWAY DR
R-20	1			ENTRY
R-21		2	W3-3	TRAFFIC SIGNAL
R-22	1		X4-5	SNOW PLOW MARKER (1)
TOTALS	26	13		

NOTE: 1) PAID UNDER REMOVE MARKER QUANTITY ITEM